



# GEIGER SpeedRESCUE

Product information



## Content

Sun protection and emergency exit . 1	
The GEIGER SpeedRESCUE opens the way! .....	1
GEIGER SpeedRESCUE - The fast solution for the second escape route! .....	2
SpeedRESCUE is not only extremely fast .....	2
Functionality of the system .....	3
Features .....	3
Fields of application .....	4
Technical specifications .....	4



## GEIGER SpeedRESCUE - GEIGER HELPS YOU IMPLEMENT FIRE SAFETY

### Sun protection and emergency exit

The § 33 Musterbauverordnung (MBO) - German standard building regulations - requires the existence, for each floor, of at least two independent emergency exits.



One of them must comply with the regulations defining the first emergency exit. The first emergency exit enables people to quickly leave a danger zone. It leads either directly into the open air or into a secured area, such as corridors, stairs and exits.



Unlike the first emergency exit that is strictly regulated and clearly defined, the second emergency

exit can be interpreted in different ways and faces countless solutions. Until now, uniform regulations have not been applied throughout the country.

For sun protection manufacturers, architects and planners, this represents a huge challenge in terms of design and implementation and might lead to conflicts.

Especially if the fire safety requirements for the second emergency exit are not respected. Furthermore, aesthetic aspects, historic preservation regulations, constructive environment and, last but not least, costs have to be reconciled in a constructive dialogue.

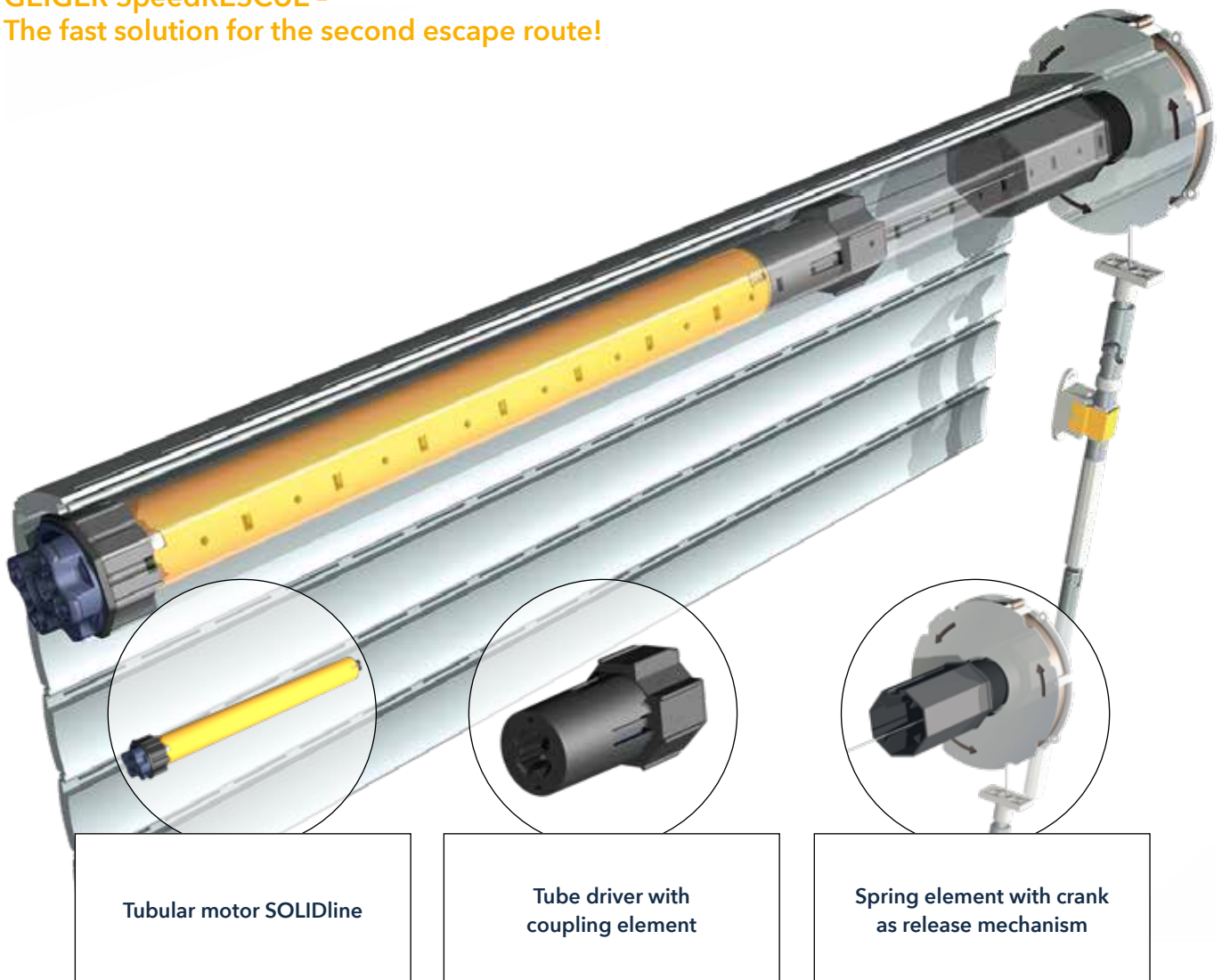
### The GEIGER SpeedRESCUE opens the way!

With **SpeedRESCUE** for rolling shutters, GEIGER provides a safe and comfortable drive solution for the second escape route. **SpeedRESCUE** is unique and extremely fast - faster than all other solutions available on the market. In case of an emergency, the rolling shutter opens up within seconds.

The innovative solution is a hybrid of an electric tubular motor and two mechanical units for a fast opening of the rolling shutter.

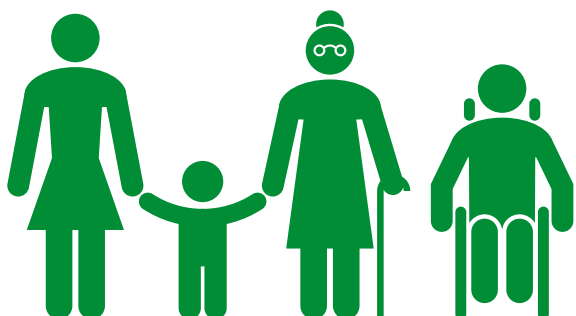
Compared to conventional emergency hand crank drives, **SpeedRESCUE** offers the comfort of an intelligent motor in everyday use. In an emergency, a short turn or pull movement of the crank and the rolling shutter moves up immediately in order to release the second escape route.

## GEIGER SpeedRESCUE - The fast solution for the second escape route!



### SpeedRESCUE is not only extremely fast, but also ...

- ▶ patent pending
- ▶ suitable for virtually all standard rolling shutter boxes
- ▶ intuitive to use
- ▶ suitable for windows, doors and double door elements
- ▶ almost maintenance free
- ▶ easy to retrofit



## Functionality of the system

- ▶ The system consists of a GEIGER SOLIDline motor, a coupling, a special counter bearing with integrated spring and an articulated crank as trigger.
- ▶ The coupling is mounted between the motor and the shaft driver.
- ▶ The drive spring unit with release mechanism replaces the counter bearing of the rolling shutter shaft.
- ▶ The motor tensions the driving spring in the downward movement. During the upward movement, the driving spring is released again.
- ▶ The coupling is actuated with the crank release, thus decoupling the rolling shutter shaft from the motor. The hanging is moved to the upper end position in a matter of seconds by the spring force. The release is also possible in intermediate positions. The crank release is operated either by a rotary or a pull movement and separates the connection between motor and rolling shutter shaft.

## Features

### Extremely fast solution for rolling shutters - Slow is out!

The new SpeedRESCUE is extremely fast - the sun protection is retracted within seconds without damaging the system.

### Different - Two-in-one concept!

The hybrid solution consisting of an electric drive and a mechanical unit can be operated particularly intuitively. In everyday life SpeedRESCUE offers the convenience of an electric motor and can be operated via a switch or a handheld transmitter. In an emergency, the rolling shutter is raised via the additionally integrated mechanical crank.

### Compact design - Little space? No problem!

The system can be fitted into virtually all standard rolling shutter boxes and is suitable for windows, doors and double door elements.

### Emergency release without UPS\* - No battery required!

The emergency release and the fast opening of the rolling shutter operate without electricity. This ensures a safe operation without additional battery and the drive remains virtually maintenance free. The homeowner does not have to change the batteries every two years.

\*Uninterruptible power supply

### Intuitive operation - Could not be easier!


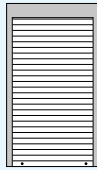
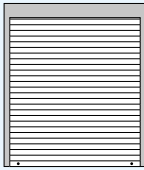
The operation is simple and variable. No matter whether the user operates the crank clockwise/counter clockwise or performs a pull movement - the emergency mechanism triggers immediately to release the escape route. No need to move the shutter manually.

### Motorized operation in normal condition - No compromises!

The system offers all the advantages of a tubular motor in everyday life and without being slow.

The electronic SoftPerfection/X01 and Flex AIR drives or the Touch motor with mechanical end stop of our SOLIDline series can be used.

## Fields of application

	1st variant	2nd variant	3rd variant
Planned maximum curtain sizes (W x H)	Window element 1,3 x 1,6 m 	Door element 1,3 x 2,3 m 	Double-door element 2,0 x 2,3 m 
Dimensions drive spring unit	Ø 155 x 24 mm	Ø 155 x 24 mm	Ø 180 x 24 mm
Planned curtain weight	4,2 kg/m <sup>2</sup>	4,2 kg/m <sup>2</sup>	4,2 kg/m <sup>2</sup>
Motor versions	SOLIDline SoftPerfection/X01, SOLIDline Touch, SOLIDline Flex AIR		
Rolling shutter box types	Front-mounted, top-mounted and new construction element		

## Technical specifications

### Driving spring variants



Dimensions drive spring unit	Ø 155 x 24 mm	Ø 180 x 24 mm
Planned curtain weight (max.)	4,2 kg/m <sup>2</sup>	4,2 kg/m <sup>2</sup>
Shaft	60 mm octagonal shaft	60 mm octagonal shaft

### Motor coupling



Suitable for the following GEIGER motor types*	SOLIDline Touch	SOLIDline SoftPerfection/X01
End positions	Remain unchanged after triggering	Reset after release
Shaft	60 mm octagonal shaft	

\* Also suitable for SOLIDline Flex AIR with bidirectional radio technology

Subject to technical modifications

SpeedRESCUE video:  
The GEIGER solution for rolling shutters installed along the second escape route



[www.youtube.com/watch?v=jizVj6sVSg4](https://www.youtube.com/watch?v=jizVj6sVSg4)